



# **STIC Search Report**

## **EIC 3700**

**STIC Database Tracking Number: 154773**

**TO: Patricia Martin**  
**Location: RND 8a40**  
**Art Unit: 3700**  
**Friday, May 27, 2005**

**Case Serial Number: 09/925887**

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### **Search Notes**

No current or past litigation found involving US pat. 5931011.

Sources:

Lexis/Nexis  
Questel-Orbit

102635 (09) 5931011 August 3, 1999

Time of Request: May 27, 2005 11:48 AM EDT

Research Information:

Utility, Design and Plant Patents  
patno=5931011

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5931011

August 3, 1999

Low temperature storage cabinet

**REISSUE:** August 3, 2001 - Reissue Application filed Ex. Gp.: 3744; Re. S.N. 09/925,887 (O.G. January 13, 2004)

**APPL-NO:** 102635 (09)

**FILED-DATE:** June 23, 1998

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**ASSIGNEE-AT-ISSUE:** Hoshizaki Denki Kabushiki Kaisha, Toyoake, Japan (JP), 03

**ASSIGNEE-AFTER-ISSUE:** September 17, 1998 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS) ., HOSHIZAKI DENKI KABUSHIKI KAISHA SAKAE-MACHI, TOYOAKE-SHI 3-16, MINAMIYAKATA, AICHI-KEN JAPAN, Reel and Frame Number: 09469/0082

**LEGAL-REP:** Nikaido, Marmelstein, Murray & Oram LLP

Selected file: PLUSPAT  
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Comprehensive Worldwide Patents database

**\*\* SS 1: Results 1**  
**PRT SS 1 MAX 1 LEGALALL**

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image  
**Patent Number :**  
US5931011 A 19990803 [US5931011]  
**Title :**  
(A) Low temperature storage cabinet  
**Patent Assignee :**  
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**Priority Details :**  
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**EPO ECLA Class :**  
F25D-017/06A  
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G05D-023/19C6  
**US Patent Class :**  
ORIGINAL (O) : 062182000; CROSS-REFERENCE (X) : 062157000 062186000  
062228100 165269000  
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US5782101; JP62-29909  
**Publication Stage :**  
(A) United States patent

**Abstract :**

A low temperature storage cabinet having a freezing cycle system composed of a compressor, a condenser, a throttle and an evaporator, a cabinet temperature sensor for detecting an inside temperature of the cabinet, and an electric fan provided in the cabinet for circulating cooled air in the interior of the cabinet, wherein the compressor in the freezing cycle system is activated in response to rise of the inside temperature of the cabinet and deactivated in response to a fall in the inside temperature of the cabinet, and wherein the rate of operation of the electric fan is decreased in accordance with a decrease of temperature or pressure of refrigerant in the freezing cycle system during deactivation of the compressor to thereby reduce consumption of the electric power.

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